MITSUBISHI MOTOR SALES OF AMERICA, Inc.

TECHNICAL SERVICE BULLETIN

SUBJECT: **IDENTIFICATION OF NON-LOCKUP A/T COMPONENTS FOR 1989-90 MONTERO**

NO.	TSB-93-23-005
DATE	September, 1993
MODEL	1989-90 Montero

BACKGROUND INFORMATION

The automatic transmission (model V4AW2) used on all 1989 and some early production 1990 Monteros is equipped with a non-lockup torque converter. The lockup torque converter was not introduced on Monteros until early/mid-year production 1990 models.

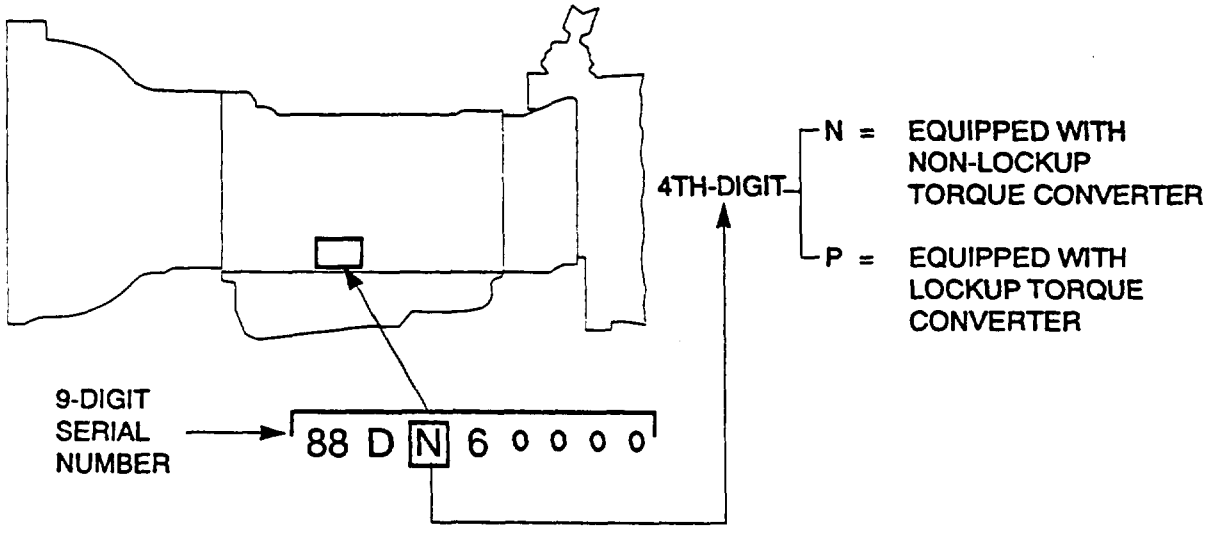
Since there may be some confusion on which early production 1990 Monteros have the lockup torque converter, this bulletin explains how to identify whether the A/T is equipped with a non-lockup or lockup-type torque converter.

Also, in the 1983-91 Montero parts microfiche dated 12/91 (the final printing of this microfiche file), parts information for non-lockup A/T torque converters and related components was inadvertently omitted. This bulletin provides parts information when ordering non-lockup torque converter parts for non-lockup-equipped 1989-90 Monteros.

DESCRIPTION

To determine if a 1990 Montero has a non-lockup or lockup A/T torque converter, locate the automatic transmission's identification plate. The plate is riveted to the left (driver's) side of the transmission, just above the oil pan. Stamped into the plate is a 9-digit serial number. The 4th digit of the serial number is either an "N" or a "P". "N" means the transmission has a non-lockup torque converter. "P" means it has a lockup torque converter.

AUTOMATIC TRANSMISSION IDENTIFICATION PLATE


4TH-DIGIT
N = EQUIPPED WITH NON-LOCKUP TORQUE CONVERTER
P = EQUIPPED WITH LOCKUP TORQUE CONVERTER
9-DIGIT SERIAL NUMBER
88 D N 6 0 0 0 0

Continued...

FILE UNDER: Group 23 Auto Trans in the Dealer Service Information Binder (1273)

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PARTS INFORMATION

Many parts used on the non-lockup A/T are interchangeable with the lockup A/T, however, some parts dealing with the lockup feature **ARE NOT** interchangeable.

Non-interchangeable parts include:

- Torque converter
- A/T oil pump body
- Oil pump inner gear
- Oil pump outer gear

When ordering the above parts for a 1989 or 1990 Montero equipped with a non-lockup torque converter, use the following part numbers:

Part Description	Part Number
Torque Converter	MD609477
A/T Oil Pump Body	MD951918
Oil Pump Inner Gear	MB936850
Oil Pump Outer Gear	MB936860

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